



Reliable

Reliable measurement, independent of weather conditions

Cost effective

Effective utilization of the collecting tank

User friendly

Simple installation

Wastewater sump (open drain)

Level measurement in rainwater collecting tanks

Rain run-off on board of oil platforms and ships is polluted with production residues and contaminants such as oil, sand and dirt. The rainwater with these contaminants must be collected in special tanks and properly disposed of. A reliable level measurement in the tank protects against overflow of the open drain removing the possibility of subsequent marine pollution.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in the rainwater collection tank

- Reliable measurement, independent of medium composition
- Maintenance-free operation, as sensor is non-sensitive to soiling
- High measuring accuracy despite wind and temperature fluctuations

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Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51